

## GENERAL ROUNDING RULES

1. Round up when the number is equal to or greater than 5
2. Round down when the number is less than 5
3. Dosages less than 1 round to the *nearest 100<sup>th</sup> (unless otherwise instructed)*
  - A. 0.746 mL = 0.75 mL
  - B. 0.744 mL = 0.74 mL
4. Dosages: greater than 1, round to *the nearest 10<sup>th</sup> (unless otherwise instructed)*
  - A. 1.86 mL = 1.9 mL
  - B. 1.82 mL = 1.8 mL
5. Round ONLY the FINAL ANSWER
6. If the problem requires a conversion from pounds to kilograms and the answer is not a whole number, round the kilograms to the TENTH before using it in the next part of the formula

Example: A patient weighs 105 lbs and x-medication is ordered 2 mg/kg/day  
Calculate the daily dose. Round to the nearest whole number  
Two parts to this example.

Part 1. Step 1. Convert pounds to kilograms:  $105 \div 2.2 = 47.72727272$   
Step 2. Round to the 10<sup>th</sup> = 47.7

Part 2. Step 1. Proceed with the formula:  $2 \text{ mg} \times 47.7 \text{ kg} = 95.4 \text{ mg/day}$   
Step 2. Round to the nearest whole number: 95 mg/day

7. Do not use a trailing zero: 2.4 not 2.40
8. Use a leading zero if applicable: 0.25 not .25